

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: April 19, 2004, 13:15:32 / Search time 23 Seconds

(without alignments)
1070.678 Million cell updates/sec

Title: US-09-990-440-285

Perfect score: 2561

Sequence: 1 MTSKFLVSTFLAALSTST.....SQIPALQMAHIAQPLLOA 477

Scoring table: BLOSUM62

Searched: Gapop 10.0, Gapext 0.5

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database: Issued Patents AA:
1: /cgn2_6/ptodata/2/1aa/5A_COMB.pep.*
2: /cgn2_6/ptodata/2/1aa/5B_COMB.pep.*
3: /cgn2_6/ptodata/2/1aa/6A_COMB.pep.*
4: /cgn2_6/ptodata/2/1aa/6B_COMB.pep.*
5: /cgn2_6/ptodata/2/1aa/PCTUS COMB.pep.*
6: /cgn2_6/ptodata/2/1aa/backfiles.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1810	70.7	355	2	US-09-014-969-19
2	1034	40.4	453	4	US-09-800-729-83
3	719	28.1	136	4	US-09-621-976-3913
4	629.5	24.6	873	3	US-09-187-331-6
5	629.5	24.6	873	4	US-09-470-946-6
6	629.5	24.6	873	4	US-09-438-906-2
7	629.5	24.6	873	4	US-09-438-906-4
8	629.5	24.6	925	2	US-08-392-946-1
9	629.5	24.6	925	2	US-08-504-169-1
10	629.5	24.6	925	5	US-08-504-169-1
11	534.5	20.9	438	4	US-09-187-331-2
12	534.5	20.9	438	4	US-09-470-946-2
13	465.5	18.2	829	3	US-08-346-455B-34
14	465.5	18.2	829	3	US-08-977-221-34
15	465.5	18.2	829	4	US-09-483-831B-34
16	465.5	18.2	829	5	PCT-US95-06613-34
17	465.5	18.2	915	1	US-08-346-455B-69
18	465.5	18.2	915	3	US-08-977-221-69
19	465.5	18.2	915	4	US-09-483-831B-69
20	465.5	18.2	915	5	PCT-US95-06613-69
21	429.5	16.8	861	1	US-08-346-455B-67
22	429.5	16.8	861	3	US-08-977-221-67
23	429.5	16.8	861	4	US-09-483-831B-67
24	429.5	16.8	861	5	PCT-US95-06613-67
25	375	14.6	788	1	US-08-346-455B-36
26	375	14.6	788	3	US-08-977-221-36
27	375	14.6	788	4	US-09-483-831B-36

28	375	14.6	788	5	PCT-US95-06613-36	Sequence 36, Appl
29	371	14.5	979	1	US-08-346-455B-38	Sequence 38, Appl
30	371	14.5	979	3	US-08-977-221-38	Sequence 38, Appl
31	371	14.5	979	4	US-09-483-831B-70	Sequence 70, Appl
32	371	14.5	979	5	PCT-US95-06613-38	Sequence 38, Appl
33	197	7.7	151	4	US-09-621-976-3891	Sequence 3891, Ap
34	139.5	5.4	108	4	US-09-621-976-7142	Sequence 7142, Ap
35	111.5	4.4	589	4	US-09-583-681A-4194	Sequence 4194, Ap
36	109	4.3	709	4	US-09-668-673B-3	Sequence 3, Appl
37	105.5	4.1	819	4	US-09-468-656A-10	Sequence 10, Appl
38	101.5	4.0	972	3	US-08-335-844A-23	Sequence 23, Appl
39	101.5	3.9	972	4	US-09-129-365-23	Sequence 23, Appl
40	101	3.8	627	4	US-09-328-352-7547	Sequence 7547, Ap
41	98.5	3.8	763	3	US-08-961-083-66	Sequence 66, Appl
42	98.5	3.8	763	4	US-09-536-784-66	Sequence 66, Appl
43	98.5	3.8	838	4	US-09-468-656A-4	Sequence 4, Appl
44	98	3.8	1541	3	US-08-296-791-3	Sequence 3, Appl
45	98	3.8	1541	4	US-09-839-996-3	Sequence 3, Appl

ALIGNMENTS

RESULT 1
US-09-014-969-19
Sequence 19, Application US/09014969
Patent No. 5965397

GENERAL INFORMATION:
APPLICANT: McCoy, Kenneth
APPLICANT: McCoy, John M.
APPLICANT: Lavallee, Edward R.
APPLICANT: Racie, Lisa A.
APPLICANT: Treacy, Maurice
APPLICANT: Spaulding, Vikki
APPLICANT: Agostino, Michael J.
TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES
TITLE OF INVENTION: ENCODING THEM
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESS: Genetics Institute, Inc.
STREET: 87 CambridgePark Drive
CITY: Cambridge
STATE: MA
COUNTRY: U.S.A.
ZIP: 02140

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/014,969
FILING DATE:

CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Sprunger, Suzanne A.
REGISTRATION NUMBER: 41,323
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8264
TELEFAX: (617) 876-5851

INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-014-969-19

Query Match 70.7%; Score 1810; DB 2; Length 355;
Best Local Similarity 99.4%; Pred. No. 2.6e-173;
Matches 335; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 1 MTSKFIIVSFLIALSLSTSTSLQDQOKVLLVSFDGRMDYLYKVPFPHYIMKYGVH 60
DB 1 MTSKFIIVSFLIALSLSTSTSLQDQOKVLLVSFDGRMDYLYKVPFPHYIMKYGVH 60
QY 61 VKQYTNVPIITKTYPNHLYLVTGLFAENHGIYANDMFDPIRINKSFSLDHMINYDSKFWEEA 120
DB 61 VKQYTNVPIITKTYPNHLYLVTGLFAENHGIYANDMFDPIRINKSFSLDHMINYDSKFWEEA 120
QY 121 TPWITNORAGHTSGAAMWPGTDVYKIRKRPPTHYMPYNESVSFEDRAKIVEMFTSKPEI 180
DB 121 TPWITNORAGHTSGAAMWPGTDVYKIRKRPPTHYMPYNESVSFEDRAKIVEMFTSKPEI 180
QY 181 NLGLIYWEPPDDMHGHLGPDSPILMGVYISDIDKLYLQMLKKAKLMTLNLITSDHG 240
DB 181 NLGLIYWEPPDDMHGHLGPDSPILMGVYISDIDKLYLQMLKKAKLMTLNLITSDHG 240
QY 241 MTQCSERLIELDQYLDKDHHTLLIDQSPVAAILPEKGFVEVYALTHAHPNLTVYKKEE 300
DB 241 MTQCSERLIELDQYLDKDHHTLLIDQSPVAAILPEKGFVEVYALTHAHPNLTVYKKEE 300
QY 301 VPERMHYKNSRIQPIIIVADEGWHILQNSDDPLG 337
DB 301 VPERMHYKNSRIQPIIIVADEGWHILQNSDDPLG 337

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RESULT 2

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US-09-800-729-83
Sequence 83, Application US/09800729
Patent No. 6605592
GENERAL INFORMATION:
APPLICANT: NI et al.
TITLE OF INVENTION: 32 Human secreted proteins
FILE REFERENCE: P2044P1
CURRENT APPLICATION NUMBER: US/09/800, 729
CURRENT FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: PCT/US00/26013
PRIOR FILING DATE: 2000-09-22
PRIOR APPLICATION NUMBER: 60/155, 709
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 217
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 83
LENGTH: 453
TYPE: PRT
ORGANISM: Homo sapiens
US-09-800-729-83

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Query Match
Best Local Similarity 45.9%; Score 1034; DB 4; Length 453;
Matches 208; Conservative 73; Mismatches 132; Indels 40; Gaps 10;

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QY 6 IIVSFLIALSLSTSTSLQDQOKVLLVSFDGRMDYLYKVPFPHYIMKYGVH 65
DB 7 IIVSFLIALSLSTSTSLQDQOKVLLVSFDGRMDYLYKVPFPHYIMKYGVH 65
QY 66 NVFITKTYPNHLYLVTGLFAENHGIYANDMFDPIRINKSFSLDHMINYDSKFWEEA 122
DB 66 NVFITKTYPNHLYLVTGLFAENHGIYANDMFDPIRINKSFSLDHMINYDSKFWEEA 122
QY 123 TPWITNORAGHTSGAAMWPGTDVYKIRKRPPTHYMPYNESVSFEDRAKIVEMFTSKPEI 180
DB 123 TPWITNORAGHTSGAAMWPGTDVYKIRKRPPTHYMPYNESVSFEDRAKIVEMFTSKPEI 180
QY 181 NLGLIYWEPPDDMHGHLGPDSPILMGVYISDIDKLYLQMLKKAKLMTLNLITSDHG 240
DB 181 NLGLIYWEPPDDMHGHLGPDSPILMGVYISDIDKLYLQMLKKAKLMTLNLITSDHG 240
QY 241 MTQCSERLIELDQYLDKDHHTLLIDQSPVAAILPEKGFVEVYALTHAHPNLTVYKKEE 300
DB 241 MTQCSERLIELDQYLDKDHHTLLIDQSPVAAILPEKGFVEVYALTHAHPNLTVYKKEE 300
QY 301 VPERMHYKNSRIQPIIIVADEGWHILQNSDDPLG 337
DB 301 VPERMHYKNSRIQPIIIVADEGWHILQNSDDPLG 337

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DB 298 DIPARFHYOHNDRIQPIIIVADEGWHILQNSDDPLG 337
QY 360 RKNFSKRNKSTSLQDQOKVLLVSFDGRMDYLYKVPFPHYIMKYGVH 60
DB 360 RKNFSKRNKSTSLQDQOKVLLVSFDGRMDYLYKVPFPHYIMKYGVH 60
QY 420 VPERMHYKNSRIQPIIIVADEGWHILQNSDDPLG 337
DB 420 VPERMHYKNSRIQPIIIVADEGWHILQNSDDPLG 337

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RESULT 3

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US-09-621-976-3913
Sequence 3913, Application US/09621976
Patent No. 6639063
GENERAL INFORMATION:
APPLICANT: Dumas, M. J. B.
APPLICANT: Jobert, S.
TITLE OF INVENTION: ESTs and Encoded Human Proteins.
FILE REFERENCE: GENSET.054PR2
CURRENT APPLICATION NUMBER: US/09/621, 976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 3913
LENGTH: 136
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: SIGNAL
LOCATION: -22..-1
US-09-621-976-3913

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Query Match
Best Local Similarity 28.1%; Score 719; DB 4; Length 136;
Matches 135; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 1 MTSKFIIVSFLIALSLSTSTSLQDQOKVLLVSFDGRMDYLYKVPFPHYIMKYGVH 60
DB 1 MTSKFIIVSFLIALSLSTSTSLQDQOKVLLVSFDGRMDYLYKVPFPHYIMKYGVH 60
QY 61 VKQYTNVPIITKTYPNHLYLVTGLFAENHGIYANDMFDPIRINKSFSLDHMINYDSKFWEEA 120
DB 61 VKQYTNVPIITKTYPNHLYLVTGLFAENHGIYANDMFDPIRINKSFSLDHMINYDSKFWEEA 120
QY 121 TPWITNORAGHTSGA 136
DB 121 TPWITNORAGHTSGA 136

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